

Materials List for:

Bottom-up and Shotgun Proteomics to Identify a Comprehensive Cochlear Proteome

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Materials

Name	Company	Catalog Number	Comments
8% Tris-acetate cartridge	Protein Discovery	42103	
Acetone	Sigma-Aldrich	179124	
Acetonitrile	Honeywell	015-1L	
AEBSF	Calbiochem	101500	
Ammonium formate	Fisher Scientific	AC16861	
Aprotinin	Calbiochem	616370	
ASB-14	Calbiochem	182750-5GM	
Bovine serum albumin	BioRad	500-0112	
C ₁₈ column	New Objective	A25112	75 µm x 10 cm
DC Protein Assay	BioRad	500-0116	Microplate Assay Protocol
EDTA	Sigma-Aldrich	E9884	
Endoproteinase Lys-C	Sigma-Aldrich	P3428	
FASP Protein Digestion Kit	Protein Discovery	44250	
Formic acid	Fluka	94318	
GELFrEE Fractionation System	Protein Discovery	42001	GELFrEE 8100
Leupeptin	Calbiochem	108975	
MacroSpin Column	The Nest Group	SMM SS18V	Silica C18
Microcystin	Calbiochem	475815	
Pepstatin	Sigma-Aldrich	P5318	
Polysulfoethyl A Column	The Nest Group	202SE0503	
Sodium dodecyl sulfate (SDS)	Sigma-Aldrich	L3771	
Sonic Dismembrator	Thermo Fisher	15-338-53	Model 100
Trypsin	Sigma-Aldrich	T6567	Proteomics Grade